

Estimation of Higher Hydrocarbons in
Methane Used in Gallery Testing, by H.
Hleisner,

CHRONIK, par, 2. Ausg. des Gesamt-Deutsche-und
Sprengstoffwesen, Vol XVI, 1931, pp 297-301.

Dept of Interior
US Bur of Mines
Central Experiment Station
Pittsburgh, Pa. Dr 101

Encl - Chem
May 59

87 565

The Explosive Properties of Dipentarythritol
Hexanitate, by W. Brun, 19 p.

GERMAN, per, Zeit Ges Schiessu Sprengstoffv, 1932,
Vol XXVII, No 3, pp 73-76; No 4, 125-127 and
No 5, pp 156-158.

ADB-73L330

Sci
Apr 60
Vol III, No 2

113,545

The Explosive Properties of Dipentarythritol
Hexanitrate, by W. Brun, 19 p.

GERMAN, per. Zeit. Ges. Schiessw. Sprengstoffw., 1932,
Vol XXVII, No 3, pp 73-76; No 4, 125-127 and
No 5, pp 156-158.

ATB-73L33G

Sci
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Vol III, No 2

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The Explosive Properties of Dipentarythritol
Hexanitate, by W. Brun, 19 p.

GERMAN, per, Zeit Ges Schiessw Sympstoffw, 1932,
Vol XXVII, No 3, pp 73-76; No 4, 125-127 and
No 5, pp 156-158.

ATB-73L330

Sci
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Vol III, No 2

113,545

A Systematic Classification of Chemical Warfare
Agents, by A. Bloch.

GERMAN, per, Z fuer das Gesamte Schiess- und
Sprengstoffwesen, Vol XVIII, 1933, pp 396-398.

Dept of Interior
US Bur of Mines
Central Experiment Station
Pittsburgh, Pa. Tr 12

REar - Germany

MI1

May 59

87, 591

The Explosion at Reinsdorf

GERMAN, DEK. Z Ges Schiess-Sprengstoffw, Vol XXX,
No 332, Nov 1935.

S L.A Tr Fool

Scientific - Engineering

CTS/DEK

14, 191

The Theory of Detonation, by G. Schweikert, 5 pp.

Full translation.

GERMAN, ~~1937~~ Zeitschrift F. das Gesamte Schiess -
und Sprengstoffwesen, 1937, pp 63-65.

S.L.A.

Scientific - ~~XXXXXXXXXXXX~~
Engineering

Aug 55

27,258

The Theory of Detonation, by Albert Schmidt, 13 pp.

Full translation.

GERMAN, per, Zeit.f.das Gas.Schieß - u.Sprengstoff-
wesen, Apr 1937, pp 88-92.

S.L.A.

Scientific - ~~XXXXXXXXXXXX~~
Engineering

Aug 55

27,273

The Explosion Heat of Tetranitro-pentaerythritol and of
Trimethylens-trinitramine, by Mario Tonegutti, 14 pp.

Full translation.

GERMAN, per, Z. Ges. Schiess- u. Sprengstoffe, Vol XXXI
1937, pp 93-97.

S.L.A.

Scientific - Chemistry

27,218

Aug 55

Determination of Diphenylamine and Substituted
Ureas in Smokeless Powders, by A. Bresser

GERMAN, per, Zeitschr f d ges ^g Schiess &
Sprengstoffw, Vol XXX, 1935, pp 42-43.

S.L.A. Tr Pool

Scientific - Chemistry
CTS/DEK

14,329

Combustion and Detonation of Solid Explosives, by
Marcel Patry, 10 pp.

Full translation.

GERMAN, per, Zeitschr. f. das ges. Schiess- u. Spreng-
stoffwesen, No 6, 1937, p 148.

S.L.A.

Scientific ~~Engineering~~ Engineering

27,316

Aug 55

Analytical and Explosive Technological Investigations
With Acetylene-Silver, Part I, by Robert Stadler, 13 pp.

GERMAN, per, Z fuer das Gesamte Schiess- und Spreng-
stoffwesen, No 10, 1938, pp 269-272, 303-305, 334-338.

FDD/X-3932

Sci
Dec 59

Researches on the Analysis and Explosive Properties
of Silver Acetylides, by Robert Stadler, 9 pp.

Full translation.

GERMAN, par, Zeit. für das Gesamte Schiess- und
Sprengstoffwesen, Nov 1938, pp 302-305.

S.L.A.

Scientific - Chemistry

27,247

Aug 55

Experiments for Increasing the N-content of Rocket
Powder, and thereby its Propulsive Power, by Addition
of Suitable Bodies With a High % of N, by J. Sci-
barlich, 8 pp.

Full translation.

GERMAN, ^{Sci}~~book~~, Zeit. für Gesamte Schloß- und Spreng-
stoffwesen, Nov 1938, pp 310-312.

S.L.A.

Scientific - ~~XXXXXXXXXXXX~~
Engineering

27,260
Aug 55

Silver Acetylide. Analytical and Technical Studies,
by Robert Stadler, 10 pp.

Full translation.

GERMAN, per, Zeit. für das gesamte Schiess- und
Sprengstoffwesen, Vol XXXIII, Dec 1938, pp 334-338.

S.L.A.

Scientific - Chemistry

27, 248

Aug 55

New Simple Method for the Investigation of the
Detonation of Explosives When Performing Work,
by A. Huid, A. Schmidt.

GERMAN, per, Z fur das Gesamt Schiess - und
Sprengstoffwesen. Vol XLIV, 1939, pp 38-41.

Dept of Int
US Bur of Mines
Central Exper Sta
Pitts., Pa. Tr 153

Sci - Chem
Jun 59

88,568

The Chemical Stability of Nitroguanidine, by
N. Tenegetti

GERMAN, per, Zeitschrift Ges Schiess-Sprengstoffw.
Vol XXXIII, 1938, pp 185-186.

S.L.A. Tr Pool

Scientific - Chemistry
CIS/DEX

14,407

INNER BALLISTICS-SHOWING FRICTION ACTION PART
1

BOULLEN K LANGUAGE-GW COUNTRY-GW

ZEITSCHRIFT FUER DAS GESAMTE SCHIESS-UND SPRE
NGSTOFFWESEN FEB 1939 NO 2

FSTC-HT-23-0015-73

INNER BALLISTICS-SHOWING FRICTION ACTION PART
2

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LANGUAGE-GW COUNTRY-GW

ZEITSCHRIFT FÜR DAS GESAMTE SCHIESS-UND SPRE
NGSTOFFWESEN MAR 1939 NO 3

FSTC-HT-23-0016-73

INNER BALLISTICS-SHOWING FRICTION ACTION PART
3

BOULIEN K LANGUAGE-GW COUNTRY-GW

ZEITSCHRIFT FUER DAS GESAMTE SCHIESS-UND SPRE
NGSTOFFWESEN APR 1939 NO 4

FSTC-HT-23-0017-73

Technical Explosive Properties and Stability of in
Storage of the Most Important Initial Explosives, by
R. Wallbaum, 11 pp.

Full translation.

GERMAN, per, Zeit. für das gesamte Schiess- und Spreng-
stoffwesen, 1939, pp 126-127.

Engineering
Scientific -- ~~Explosive~~ ~~Device~~

S.L.A.

27,446

Aug 55

Technical Explosive Properties and Stability During
Storage of the Most Important Initial Explosive, by
R. Wallbaum, 19 pp.

Full translation.

GERMAN, ⁶¹¹ ~~book~~, Zeit. für das gesamte Schiess- und
Sprengstoffwesen, 1939, pp 161-163, 197-201.

S.L.A.

Scientific - ~~Nuclear physics~~

Aug 55

27,447

Redstone #15

R-9502-D
25 June 68

A History on the Development of Rockets

By: HAUSENSTEIN, A.

From: Zeit. fur das gesamte schiess und Sprengstoffwesen
35, 1940: 32-34 (3 pp)

German - est fair wds:

Please translate and type 1 copy, double-spaced.

The Practical Method for Calculating Important Explosive Values, by Means of Thermodynamic and ~~Hydrodynamic~~ Hydrodynamic Agreements With the Known Values of Composition, Heat of Formation and Density, by J. F. Roth, 20 pp.

Full translation.

GERMAN, per, Z. ges. Schieess- u. Sprengstoffw.,
Vol XXV, 1940, pp ~~193-196~~, ~~220-221~~, 243-245.

S.L.A.

Engineering
Scientific - Nuclear Physics

27,298

Aug 55

Notes on the Practice of Chlorite Bleaching, ...
by L. Keiner and H. Berge.

GERMAN, per, Z. Ges Textil-Ind, Vol LIV, 1952,
pp 1053-1056, 1059-1066, 1069-1075.

INSDOC-T2135

Sci

Aug 58

72,503

Bayer Brings Spun (jet)-Dyed Perlon Staple
Fibre, 3 PP.

by H. Anders,

GERMAN, per, Z. ges. Textil-Ind, Vol LVI,
No 4, 1954, p 195.

S.I.A. Tr 1840

Sci - Engineering
May 57

47,777

SLA 62-1077

61-14559

Wegener, Walther and Delventhal, Jurg.
CAUSES OF IRREGULARITY IN RIBBON DOUBLING
AND RAT-TRAP MOTION LAPS. [1961] 10p. (8 figs.
omitted)
Available on loan from SLA 61-14559

Trans. of Z[eitschrift für die] Ges[amte] Textil-
Ind[ustrie] (West Germany) 1954, v. 56, 5 Nov,
p. 1265-1269.

Irregularities are frequently caused by faulty operation
of the machinery, therefore a periodical check of the
various production units is recommended.

(Materials--Textiles, TT, v. 3, no. 12)

1. Textile industry--
Equipment
2. Title: Textile machinery
- I. Wegener, W.
- II. Delventhal, J.

151907

Office of Technical Services

Jugler, H.
A NEW SIZING MACHINE FOR SMALL AND MEDIUM
PLANTS. [1961] 3p. (4 figs. omitted).
Order from SLA \$1.10

61-14560

Trans. of Zeitschrift für die Gesamte Textil-Industrie
(West Germany) 1953, v. 57, no. 1, p. 107-109.

DESCRIPTORS: *Textiles, *Industrial equipment,
*Textile industry, Processing.

(Materials--Textiles, TT. v. 6, no. 1)

61-14560

1. Title: Sizing machine
1. Jugler, H.

161740

Office of Technical Services

Heuser, E. SPINNING OIL FOR WOOLLEN YARNS, IMITATION COTTON YARNS AND SHODDY YARN. [1961] 13p. 1 ref. Order from SLA \$1.60 Trans. of Z(eitschrift für die Ges(amte) Textil- Industrie (West Germany) 1955, v. 57, p. 410-415 and 500-502. DESCRIPTORS: Machines, *Lubrication, *Oils, *Threads, Processing. (Materials--Textiles, TT, v. 6, no. 1)	61-14561 I. Heuser, E. 161744 Office of Technical Services
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Elongation-Draft Tests on Roving, by H. Stein,
cited in, per, 2 ges Textil-Ind, Vol LVII, No 12,
1955, pp 714-724.

MS 172-0J

Sci
Nov 59

100,394

On the Present State of Bleaching in Textile
Industry, by W. Hundt.

GERMAN, per, Z. Ges Textil-Ind, Vol LVII, 1955,
pp 1387-1394.

INSDOC-T2143

Sci

Aug 58

72,502

Patrolling Time: An Important Problem in Multi-Machine Attendance on the Textile Industry, by W. Sassemannhausen.

GERMAN, per, Z. ges Textil-Ind, No 9-10, 1956, IP 343-346.

ASLIB-GB112

Sci

95, 413

Aug 59

"Merinova" -- a New Synthetic Fibre, by S. Stohr.

GERMAN, per, Z. Ges Text Ind, Vol XVIII, 1956, pp 716-718.

ASLIB-GB39

Sci
Aug 58

70,852

Automatic Weighing Feeder, by B. ^KWangl.

GERMAN, per, 2 gas Textt Indus, Vol LIX, No 8,
Apr 1957, pp 281-284.

ASLIB-07112

Sci
Aug 59

94, 534

62-14049

Jörder, H.
A HIGH-VACUUM PROCESS FOR THE METAL-
COATING OF TEXTILES. [1967] 11p. (2 figs.
omitted) 1 ref.

Order from SLA \$1.60 62-14049

Trans. of [Zeitschrift für die Gesamte] Textil-Indus-
trie (West Germany) 1967, v. 59, no. 11 [p. 435-437]

DESCRIPTORS *Vacuum apparatus. Coatings. *Tex-
tiles. *Metal coatings. Clothing.

(Materials--Textiles, TT, v. 8, no. 9)

I. Jörder, H.

Office of Technical Services

62-10605

Koch, P. A.
TABLE OF FIBERS. POLYAMIDE FIBERS I: NYLON
TYPE, POLYAMIDE 6.6; PERLON TYPE, POLYAMIDE
6. [1961] 14p.
Order from SLA \$1.60

62-10605

Trans. of Zeitschrift für die Gesamte Textil-industrie
(West Germany) 1957, v. 59, p. 777ff.

DESCRIPTORS: *Synthetic fibers, *Amides, *Polymers,
*Nylon, Industrial production.

(Materials--Textiles. TT. v. 7, no. 9)

- I. Koch, P. A.
- II. Title: Polyamide ...
- III. Title: Nylon ...
- IV. Title: Perlon ...

Office of Technical Services

61-14562

Eibb, E. and Kistner, G.
BEHAVIOUR OF AMINOPLASTS IN TEXTILES: CON-
TRIBUTION TO THE KNOWLEDGE ON CREASE-
RESISTANT FINISHES. 8 Oct 58, 8p. (1 fig. omitted)
8 refs.
Order from SLA \$1.10 61-14562

Trans. of Zeitschrift für die Gesamte Textil-
Industrie (West Germany) 1957, v. 59, no. 19,
p. 808-811.

DESCRIPTORS: *Textiles, *Resins, Amines,
Formaldehyde, Chemical reactions.

(Materials--Textiles, TT, v. 6, no. 1)

I. Eibb, E.
II. Kistner, G.
III. Title: Contribution...

161740

Office of Technical Services

Struve, Reimer. TWIST VARIATIONS IN FOLDED YARNS; DETERMINATION, CAUSES, ELIMINATION, AND CONTROL IN THE PLANT. [1961] 12p. [refs. omitted] 7 refs. Order from SLA \$1.60	61-14563 1. Struve, R. 161740 Office of Technical Services
Trans. of Z[eitschrift für die Gesamte Textil-Industrie (West Germany) 1958, v. 60, no. 3, p. 109-112 and no. 4, p. 138-139. DESCRIPTORS: *Threads, Test methods, Manufacturing methods, Control.	
(Materials--Textiles, TT, v. 6, no. 1)	

Stratmann, Maria.
THE BEHAVIOUR OF SYNTHETIC FIBRES TO
VARIOUS ZINC CHLORO-IODIDE SOLUTIONS.
[1961] 4p. (refs. 4 figs. omitted).
Order from SLA \$1.10 61-14564

[Partial] trans. of *Zeitschrift für die Gesamte
Textil-Industrie* (West Germany) 1958, v. 60, no. 11,
p. 450-456.

DESCRIPTORS: *Synthetic fibers. Chemical reactions.
*Embedding substances. Zinc compounds. Chlorides,
Iodides.

(Materials--Textiles, TT, v. 6, no. 1)

61-14564

1. Stratmann, M.

16174.

Office of Technical Services

Suitable Lubricants for Two-Roller Cotton Spinning,
by W. Gunter.

GERMAN, per, Z fuer die Gesamte Textilindustrie,
Vol LX, 1958, pp 647, 648.

CSIRO Tr-4574

546 (1-174)

118,531

EEur - Germany

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Jun 60

Fischer, R. and Kartnig, Th.
IDENTIFICATION OF CHEMICAL FIBRES BY THE
EMBEDDING METHOD ON THE KOPLER HEATING
STAGE. [1961] 7p. [refs. omitted].
Order from SLA \$1.10

61-14565

Trans. of Z[schrift für die] Ges[amte] Textil-Indus-
trie (West Germany) 1958, v. 60, no. 19, p. 830-832.

DESCRIPTORS: *Synthetic fibers, Identification,
Embedding substances, Heating, Tests, Fibers.

The fibre to be tested is embedded in a liquid of suit-
able n_D and heated on the Kofler heating stage until
fibre and liquid show the same n_D (Becke line :)
Polarized, monochromatic light is used, whereby the
fibre is tested in two positions, parallelly and perpen-
dicularl, to the oscillation direction. This method in-
volving little work makes it possible to identify 36
different chemical fibres. (Author)

(Materials--Textiles, TT, v. 6, no. 1)

61-14565

I. Fischer, R.
II. Kartnig, T.

161748

Office of Technical Services

The Effect of the Heat-Setting Temperature on
the Physical/Chemical Behavior of Nylon-6, by
D. Wimmers.

GERMAN, per, Zeitschrift fuer die Gesamte Text-
tilindustrie, Vol 65, 1963, pp 115-118.
NTG 71-14288-11E

Feb 72

TT-64-12004

Jörder, H. and Vinh-Am.
FASTNESS OF DYED TEXTILES ON EXPOSURE TO
DAYLIGHT IN THE FADEOMETER AND IN THE
XENOTEST APPARATUS (Bchtheit Gefärbter Textilien
bei Belichtung in Tageslicht, im Fadeometer bzw.
Xenotest) tr. by H. A. G. Nathan. 1963, 12p 10refs
NRCC Technical Trans. 1089.
Order from NRCC \$1.00 NRCC C-4524

Trans. of Zeitschrift für die Gesamte Textil-Industrie
(West Germany) 1959, v. 61, no. 8, p. 305-308.

DESCRIPTORS: *Textiles, *Dyes, Light, Exposure,
Dyeing, Test equipment.

(Materials--Textiles, TT, v. 11, no. 3)

1. Title: Fadeometer
2. Title: Xenotest
- I. Jörder, H.
- II. Vinh-Am
- III. NRCC TT-1089
- IV. NRCC C-4524
- V. National Research
Council of Canada

Office of Technical Services

Brasseler, W.
THOUGHTS AND EXPERIENCES WITH SOFTENERS
[PT. 1.]. [1960] 7p.
Order from ATS \$10.60 ATS-18M46G

Trans. of Z[achmitt, Max] Textil-
Ind[ustrie] (West Germany) 1960, v. 62, no. 1,
p. 23-25.

146,932

(Materials--Textiles, TT, v. 5, no. 5)

61-12411

1. Textiles--Processing
2. Plasticizers--Effective-
ness

- I. Brasseler, W.
- II. ATS-18M46G
- III. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Brasseler, W.
THOUGHTS AND EXPERIENCES WITH SOFTENERS
[PT. 2.]. [1960] 10p.
Order form ATS \$15.80

ATS-13M46G

Trans. of Z(eitungs)ft. für die Ges(amte) Textil-
-Industrie (West Germany) 1960, v. 62, no. 2,
p. 43-47.

(See also ATS-18M46G)

146,931

61-12403

- I. Textiles--Processing
2. Plasticizers--Effectiveness
- I. Brasseler, W.
- II. ATS-13M46G
- III. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Materials--Textiles, TT, v. 3, no. 5)

The Manufacture of Elastic Fabrics From Crepe
Yams,
GERMAN, per, Zeitschrift fuer die Gesamte Textil-
industrie, Vol 62, 1960, pp 604-605.
NTC 71-14590-11E

Feb 72

62-16231

I. Hendrix, H.

Hendrix, Hans.
METHODS OF ASCERTAINING CHANGES IN THE
INTERNAL STRUCTURE OF SYNTHETIC FIBERS.
[1962] 9p. 24 refs.

Order from S.L.A \$1.10

62-16231
ATB-734-G

Trans. of Zeitschrift für die Gesamte Textil-Industrie
(West Germany) 1960, v. 62, no. 21, p. 921-924.

Another trans. is available from ATS \$13.90 as
ATS-27N54G [1961] 9p.

DESCRIPTORS: *Synthetic fibers. Microstructure.
Fibers. Chemical analysis.

The article describes a number of processes from which
it may be concluded that changes have taken place in the
internal structure of the fibres. A precise description
of the practical side has purposely been omitted, since
the article purports to deal only with the principle under-
lying the methods in question. (Author)
(Materials--Textiles, TT, v. 8, no. 5))

Office of Technical Services

62-17240

Frölich, H. G.
THE PROCESSES TAKING PLACE IN THE DYEING
OF CELLULOSE FIBRES WITH REACTIVE DYES
(Über die Vorgänge beim Färben von Zellulosefasern
mit Reaktivfarbstoffen) tr. by D. A. Sinclair. 1962,
18p. 55 refs. NRCC Technical Trans. 1912.
Order from NRCC \$1.00 NRCC C-3915

Trans. of Z[eitschrift für die Ges[amte] Textil-Ind-
[ustrie] (West Germany) 1961, v. 60, no. 1, p. 47-61.

DESCRIPTORS: *Fibers, *Cellulose, *Dyeing, *Dyes,
Chemical reactions, Chemical bonds, Hydrolysis.

I. Frölich, H. G.
II. NRCC TT-1912
III. NRCC C-3915
IV. National Research Council
of Canada

(Materials-Textiles, TI, v. 8, no. 2)

Office of Technical Services

Flocking in an Electrostatic Field, by
W. Albrecht and W. Brethauer.
GERMAN, per, Zeitschrift fuer die Gesamte Text-
tilindustrie, Vol 63, 1961, pp 452-456.
NTC 71-14685-11E

Feb 72

Flocking and its Application Techniques, by
R. Schwaebel.

GERMAN, per, Zeitschrift fuer die Gesamte
Textilindustrie, Vol 63, 1961, pp 933-938.
NTC 71-14683-11E

Feb 72

Schwaebel, Richard.
FLOCKING AND FLOCKING METHODS. [1962] 13p.
Order from SLA \$1.60 63-15584

Trans. of Zeitschrift für die Gesamte Textil-Industrie:
(West Germany) 1961, v. 63, no. 11, p. 934-938.

DESCRIPTORS: *Textiles, *Fibers, Processing,
Manufacturing methods, Adhesives.

(Materials--Textiles, TT, v. 9, no. 10)

63-15584

1. Title: Flocking
1. Schwaebel, R.

Office of Technical Services

Electrostatic Charges and Antiel.ectrostatic
Agents and their Significance in the Textile
Industry, by M. Roesch.

GERMAN, per, Zeitschrift fuer die Gesamte
Textilindustrie, Vol 63, 1961, pp 968-970.
NTG 71-14295-11E

Mar 72

Electrostatic Charges and Antielectrostatic
Agents and Their Significance in the Textile
Industry. Part III. The Measurement of Elec-
trostatic Effects, by M. Roesch.
GERMAN, per, Zeitschrift fuer die Gesamte Tex-
tilindustrie, Vol 63, 1961, pp 1054-1058.
NTC 71-14296-11E

Feb 72

Electrostatic Flocking for the Production of
Carpeting and Upholstery Material, by H. -H. Boehlk.
GERMAN, per, Zeitschrift fuer die Gesamte
Textilindustrie, Vol 64, 1962, pp 492-494.
NTC-71-12450-11E

Nov 71

The Accomplishments of Textile Research in
Germany in 1961, by P. A. Koch.
GERMAN, per, Zeitschrift fuer die Gesamte Text-
tilindustrie, Vol 64, No 10, 1962, pp 839-841.
NTC 71-14596-11E

Feb 72

TT-64-10390

Hensch, K.
TEXTILE PROPERTIES OF SAFETY BELTS AND
METHODS OF TESTING THEM. [1963] 19p (figs
omitted) 4 refs
Order from SLA \$1.60

TT-64-10390

Trans. from Zeitschrift für die [Gesamte] Textil-Indus-
trie (West Germany) 1963, v. 65, no. 6, (Abstract
available)

DESCRIPTORS: *Safety harness, *Textiles, Mechanical
properties, Test methods, Safety, Motor vehicle
accidents,

The protective value of a safety belt is usually dependent
on its mechanical properties, but also on its processing,
its construction, the durability of its fittings and of their
attachment. Within the sum of these effective factors the
textile properties play a particular role. They are
decisive for the measure of the break-down and of the
(Engineering-Safety, TT, v. 11, no. 10) (over)

1. Hensch, K.

Office of Technical Services

TT-64-10390

Hensch, K.
TEXTILE PROPERTIES OF SAFETY BELTS AND
METHODS OF TESTING THEM. [1963] 19p (figs
omitted) 4 refs
Order from SLA \$1.60

TT-64-10390

Trans. from Zeitschrift für die [Gesamte] Textil-Indus-
trie (West Germany) 1963, v. 65, no. 6. (Abstract
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DESCRIPTORS: *Safety harness, *Textiles, Mechanical
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accidents,

The protective value of a safety belt is usually dependent
on its mechanical properties, but also on its processing,
its construction, the durability of its fittings and of their
attachment. Within the sum of these effective factors the
textile properties play a particular role. They are
decisive for the measure of the broken section and for the
(Engineering--Safety, TT, v. 11, no. 10) (over)

1. Hensch, K.

Office of Technical Services

A New Laminating Machine and Problems Connected
with Foam Lamination, by K. Hauser.

GERMAN, per, Zeitschrift fuer die Gesamte
Textilindustrie, Vol 65, 1963, pp 617-622.

NTC 71-14684-11E

Feb 72

The Effect of Temperature of Heat-Setting
on Physico-Chemical Behavior of Nylon,
by D. Wimmers. 16 p.
GERMAN, per, Zeit. fuer die Gesamte Textil-
Industrie, Vol 65, 1963, pp 115-118.
SIA TT-66-10556

Sci-M&M
Jul 66

306,035

Analysis of the Spinning Process by Common and High
Frequency Cinematography, by A. Neukirchner.

GERMAN, per, Zeit fuer die Gesamte Textilindustrie,
vol. 65, no. 6, 1963, pp. 435-444.

NTC 71-11170-11E

August 71

Biodegradable Detergents in Washing and
Cleansing Agents, by M. Bosch.
GERMAN, per, Z. Ges. Textil-Ind., Vol 66,
1964, pp 741-744.
Chem Trans Sv 2802

Sci - Chemistry
Apr 67

325,283

High Bulk Polyamide and Polyacrylonitrile Yarns, by
H. Scherzberg.
GERMAN, per Z. Ges. Textilind., Vol. 66, 1964, pp 818-827
QB 121

Sci -
Sep 67

339-821

Shrinkproofing with Synthetic Polymers, by M.
Bahra.

GERMAN, per, Zeitschrift fuer die Gesamte
Textilindustrie, vol. 66, no. 5, 1964,

pp. ~~514-520~~ 519-522 6
NTC 70-~~17050-11E~~ 17050-11E

June 1971

Influence of the pH Salt Additions and
Sample Size on the Felting Shrinkage in the
Wash Test of Untreated and of Shrinkproofed
Knitted Wool Fabrics, by G. Valk.
GERMAN, per, Zeitschrift fuer de Gesamte
Textilindustrie, vol, 66, no. 6, 1964,
pp. 501-515. 235-839
NTC 70-17051-11E

June 1971

Wash Tests and Wearer Trials of Shrinkproofed
Knitted Wool Fabrics, by H.G.Otten,
GERMAN, per, Zeitschrift fuer die Gesamte
Textilindustrie, vol. 66, no. 6, 1964-
pp. 508-515.
NTC 70-17052-11E

June 1971

Analytical Studies on Polyester Fibers, by
H. Hendrix.

GERMAN, per, Zeitschrift für die Gesamte
Textil-Industrie, Vol 66, 1964, pp 937-42.
SLA TX-66-1044

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Sci - Materials

Jul 67

Analytical Studies on Polyester Fibers,
by H. Hendrix. 15 p.
GERMAN, per, Zeitschrift fuer die Gesamte
Textil-Industrie, Vol 66, No 12, 1964,
pp 1026-1030.
SIA TT-66-10557

Sci-M&M
Jul 66

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Fighting Sheet Metal Fires With Chemical Powder
Fire Extinguishers, by Arnold Kruger, Martin
Togel.

GERMAN, per, Zeitschrift Gewerksch., Vol XLVIII,
No 1, 1961, pp 10-14.

KRUG, Ft Belvoir T-1573

Sci .. Chem
Aug 62

2/1, 4/27

Testing of Aluminium Castings, by M. G. Davies, 6 pp.

GERMAN, par, Z. Ghesaero, Vol IX, 1942, pp 7-10.

SLA 58-464

Sci

Aug 59

95, 710

The Influence of the Earth's Axial Rotation
on the Rivers, by Adolf Ludin. 7 pp.
GERMAN, per, Zeit Ges Wasser und Wasserkraft,
Vol 21, 1926, pp 219-221.
NASA TT F-12,425

Sci-Mar Sci
Nov 69

395,795

Glaciologic and Glacial-Geologic Results of
Seismic Measurements on Glaciers of Otztal Alps
in 1953-1954.

GERMAN, per, II fuer Gletscherkunde und Glazialgeolo-
gie, Vol. XII, No 2, 1956, pp 145-169.

Univ of Wisconsin
(MSF)

Sci - Geography
Apr 60

113,871

Firn Tremors in the Inland Ice of Greenland, by
Fritz Loewe, 4 pp.

GERMAN, per, Z. fuer Gletscherkunde und
Glacialgeologie, ~~Band III~~ Vol III, No 2, 1956,
pp 253-255. CIA 9007088

An Meteorol Soc for Geophysics, ASTIA

41,434

Sci - Geophysics
Dec 56 GTS

Agency: U.S. Army Cold Regions Research and Engineering Lab.
P.O.no.: 71-7-57 1-1981-
15 May 1971
Title: Zur Bestimmung des Schneelinsensorgfahiters
des Schnees durch dielektrische Messungen
Author: W.Ambach
Source: Zeitschrift fur Gletscherkunde und
Glazialgeologie, Ed.IV, h.1-2:1-8, 1970.
Language: German
Spec.instr.: Special instructions: Please translate &
type single space; no paste-up, leave space;
translate footnotes & headings of
illustrations

Glacial-Geological Section No. 5, Site of the
Lambert Glacier in the Teton, by G. T. ...

GERMAN,

1958, p. 1, 2. Z. f. Gletscherkunde und
Gletschergeologie, Vol IV, No 1-2, 1958,
pp 35-45.

Univ of Wisconsin
(1958)

Sci. - Geophysics
Apr 60

113,878

BRUNER, H.
DEMONSTRATION OF A ROTATORY SCREEN FOR
TESTING THE EXPERIMENTAL OPTICAL
NYSTAGMUS (Demonstration eines Drehschirmes zur
Prüfung des Experimentellen "Optischen" Nystagmus)
[1921] 2p

Ord. # from SIA \$1.15 61-14335

Trans. of Zeitschrift f[ür] Hals-, Nasen- u[nd]
Ohrenheilk[unde] (Germany) 1922, v. 3, p. 241-243

DESCRIPTORS: Nystagmus, Eye, Ear, Rotation,
Testing equipment, Ophthalmology

(Unannounced)

61-14335

1 Bruner, H.

Office of Technical Services

61-14590

Quix, F. H.
THE FUNCTION OF THE OTOLITHS IN OTOLOGY
(Die Otolithenfunktion in der Otologie). [1961] 35p.,
31 refs.

Order from SLA \$3.60 61-14590

Trans. of Zeitschrift für Hals-, Nas [en-] und
Ohrenheilk[unde] (Germany) 1924, v. 8, p. 516-537.

DESCRIPTORS: *Ear, *Hearing, Body, Stabilization,
Otorhinolaryngology.

I. Quix, F. H.

Office of Technical Services

(Unannounced)

Frenzel.

61-14334

OBSERVATION OF NYSTAGMUS DURING ROTATION
(Nystagmusbeobachtung Während der Drehung). [1961]
[6] p. 6 refs.

L. Frenzel

Order from SLA \$1.10

61-14334

Trans. of [Zeitschrift] für Hals-, Nasen- und
Ohrenheilkunde (Germany) 1925, v. 12, p. 637-640.DESCRIPTORS: Nystagmus, Rotation, Vision, Eye,
Kymography, Ophthalmology.

(Unannounced)

Office of Technical Services

Ohm, J.
CONCERNING THE INFLUENCE OF VISION ON THE
VESTIBULAR ROTATORY NYSTAGMUS AND THE
AFTER-NYSTAGMUS (Über den Einfluss des Sehens
auf den Vestibulären Drehnystagmus und Nachny-
stagmus). 1961 [25p. 10 refs.
Order from: SL A 54,60

61-4335

Trans. of Z[schrift] f[ür] Hals-, Nasen- und
Ohrenheilk[unde] (Germany) 1926, v. 16, p. 521-540.

DESCRIPTORS: Nystagmus, Eye, Vision, Ophthal-
mology, Pathology, Ear, Kymography, Light adapta-
tion, Dark adaptation, Lenses, Otorhinolaryngology,
Diagnosis, Vestibular nerve.

(Unannounced)

Office of Technical Services

Leiri, F.
CONCERNING SEA-SICKNESS (Über die Seekrankheit
[1961] [19] p. 13 refs.
Order from SLA \$1.60

61-14793

Trans. of Zeitschr[ift] f[ür] Hals-, Nasen- u[nd]
Ohrenheilk[unde] (Germany) 1926, v. 16, p. 565-576.

DESCRIPTORS: *Motion sickness, *Ear, Autonomic
nervous system, *Vestibular nerve, Drugs,
*Atropine, *Epinephrine.

F. Leiri, F.

(Unannounced)

Office of Technical Services

61-14794

Leiri, F.
CONCERNING THE INDUCTION OF TONICITY IN
THE APPARATUS OF THE OTOLITHS (Über die
Tonusinduktion im Otolithenapparat). [1961] 12p.
5 refs.

Order from SLA \$1.60

61-14794

Trans. of Zeitschr[ift] f[ür] Hals-, Nasen- u[nd]
Ohrenheilk[unde] (Germany) 1926, v. 17, p. 127-135.

DESCRIPTORS: *Ear, *Physiology, *Autonomic
nervous system, *Reflexes, *Muscles, Pressure,
*Lymph, *Vestibular nerve.

(Unannounced)

I. Leiri, F.

Office of Technical Services

Ohm, I.
CONCERNING THE INFLUENCE OF VISION ON
THE VESTIBULAR ROTATORY NYSTAGMUS AND
THE AFTER-NYSTAGMUS (Über den Einfluss des
Sehens auf den Vestibulären Drehnystagmus und
Nachnystagmus). [1961] [16]p. 1 ref.
Order from SLA 51.60

61-14336

Trans. of Zeitschrift für Hals-, Nasen- und
Ohrenheilkunde (Germany) 1926, v. 17, p. 259-273.

DESCRIPTORS: Nystagmus, Vision, Ophthalmology,
Ear, Eye, Dark adaptation, Light adaptation, Lenses,
Otorhinolaryngology, Kymography, Diagnosis,
Pathology, Vestibular nerve.

(Unannounced)

61-14336

I. Ohm, I.

Office of Technical Services

1. 1477
CONCERNING THE IMPORTANCE OF THE
VESTIBULAR APPARATUS IN AVIATION. (Bk. 10)
Bedeutung des Vestibularapparates bei der Aviation
[1964] 16p. 10 refs.
Order from SLA \$1.60

61-1477

Trans. of Zeitschrift f[ur] Hals-, Nasen- u[nd]
Ohrenheilkunde (Germany) 1927, v. 17, p. 381-391

DESCRIPTORS: *Ear, Aviation medicine, *Pilot,
*Nystagmus, Physiology, *Physical fitness,
*Vestibular nerve.

(Unannounced)

Office of Technical Services

61-14792

Leini, F.
CONCERNING DIZZINESS, I (Über den Schwindel).
[1961] 16p. 20 refs.
Order from SLA \$1.60 61-14792

Trans. of Zeitschrift für Hals-, Nasen- und
Ohrenheilkunde (Germany) 1927, v. 17, p. 392-402.

DESCRIPTORS: Vertigo

(Unannounced)

I. Leini, F.

Office of Technical Services

Functional Connection of the Statoconial Appa-
ratus and the System of Semicircular Ducts,
by Dr. K. L. Chilow

GERMAN, per, Zeitschrift fur Hals-Nasen-und
Ohrenheilkunde, Vol 17, 1927, pp 485-494.

Dept of Navy NIC Trans No 2736

NAV/NIC/TRAN - 2736-68

Sci-Physics

Jan 69

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Rejtő, A.
CONCERNING THE ORIGIN OF THE RAPID PHASE
IN LABYRINTHINE NYSTAGMUS (Über den Ursprung
der Schnellen Phase des Labyrinthären Nystagmus).
[1961] 4p.
Order from SLA \$1.10

61-16032

Trans. of Zeitschr[ift] f[ür] Hals-, Nasen- u[n]d
Ohrenheilk[unde] (Germany) 1927, v. 18, p. 425-427.

DESCRIPTORS: Nystagmus, Ear, Physiology, Eye,
Brain, Pathology.

(Unannounced)

61-16032

1. Rejtő, A.

Office of Technical Services

61-14337

Ohm, J.
CONCERNING THE INFLUENCE OF VISION ON THE
VESTIBULAR ROTATORY NYSTAGMUS AND THE
AFTER-NYSTAGMUS (Über den Einfluss des Sehens
auf den Vestibulären Drehnystagmus und Nachny-
stagmus). [1961] [19]p. 3 refs.
Order from SLA \$1.60

61-14337

Trans. of Zeitschrift für Hals-, Nasen- u[nd]
Ohrenheilk[unde] (Germany) 1927, v. 19, p. 87-103.

DESCRIPTORS: Nystagmus, Vision, Ophthalmology,
Otorhinolaryngology, Eye, Ear, Kymography, Lenses,
Dark adaptation, Light adaptation, Pathology,
Diagnosis, Vestibular nerve.

(Unannounced)

Office of Technical Services

61-14791

Leiri, F.
CONCERNING DIZZINESS. II (Über den Schwindel. II).
[1961] 36p. 4 refs.
Order from SLA \$3.60

61-14791

Trans. of Zeitschr[ift] f[ür] Hals-, Nasen- u[nd]
Ohrenheilk[unde] (Germany) 1927, v. 19, p. 139-162

DESCRIPTORS: Vertigo

1. Leiri, F.

(Unannounced)

Office of Technical Services

Grabe, Karl.
THE TEST OF THE OTOLITHS IN MAN
(Otolithenprüfung Beim Menschen). [Jun 52] [17p]
30reifs.
Order from SLA \$1.60 TT-61-16055
Trans. of Zeitschr[it] f[ür] Hals-, Nasen- u[nd]
Ohrenh[ör]heilkunde[Germany] 1927, v. 18, p. 411-422.

TT-61-16055

L. Grabe, K.

(Biological Sciences--Physiology, TT, v. 12, no. 5)

Office of Technical Services

Chm, J.
BETTER CURVES OF THE VESTIBULAR ROTATION-
TORY NYSTAGMUS (Bessere Kurven des Vestibulären
Drehnystagmus). [1961] [12]p.
Order from SLA \$1.60

61-14338

Trans. of Zeitschrift für Hals-, Nasen- und
Ohrenheilkunde (Germany) 1928, v. 19, p. 467-475.

DESCRIPTORS: Nystagmus, Diagnosis, Ophthalmology, Rotation, Ear, Eye, Vestibular nerve.

(Unannounced)

61-14338

J. Chm, J.

Office of Technical Services

On the Osteogenesis Imperfecta Congenita of the
Labyrinth Capsule, by Max Meyer, 13 pp.

GERMAN, per, 2 fuer Hals-Nasen und Ohrenheilk,
Vol XVI, 1930, pp 297-304,

Sgt - Med & Med
Apr 63

Navy Tr 335T/EMS 770

229,276

Steinhausen, Wilhelm.

CONCERNING THE EXPERIMENTAL EVIDENCE OF THE DEVIATION OF THE CUPULA TERMINALIS IN THE INTACT AMPULLA OF THE SEMICIRCULAR CANAL OF THE LABYRINTH IN THE THERMAL AND ADEQUATE ROTATORY STIMULATION (Über den Experimentellen Nachweis der Ablenkung der Cupula Terminalis in der Intakten Bogengangsampulle des Labyrinthe bei der Thermischen und Adäquaten Rotatorischen Reizung). [1961] [6]p. 2 refs.

Order from SIA Sl.10

61-14660

Trans. of Z[eitschrift] f[ür] Hals-, Nasen- u[nd] Ohrenheilk [unde] (Germany) 1931, v. 29, p. 211-215

DESCRIPTORS: *Ear, *Heat, *Rotation, Stimulation, *Reaction (Psychology).

(Unannounced)

61-14660

1. Steinhausen, W.

Office of Technical Services

Fischer, M. H.
CONCERNING THE INFLUENCE OF SOME CALORIC
REACTIONS THROUGH CENTRAL NERVOUS
FACTORS (Über die Beeinflussung einiger calorischer
Vestibularreaktionen durch Zentral-Nervöse
Faktoren). [1961] 4p.

Order from SLA \$1.10

61-14661

Trans. of Zeitschrift für Hals-, Nasen- und
Ohrenheilkunde (Germany) 1931, v. 29, p. 216-218.

DESCRIPTORS: *Heat, *Reactions (Psychology),
Nervous system.

(Unannounced)

61-14661

I. Fischer, M. H.

Office of Technical Services

Abhangigkeit der Calorischen Vestibularisreflexe
vom Zustande de Nervosen Zentren, by M. H. Fisher,
F. Olberg, *et al.*

GERMAN, per, Z. fur Hals- ~~MM~~ Nasen- und Ohrenheilk,
Vol XXX, 1932, pp 499-532.

*JPRS R-2940

7 Dec 62

Physiological Effect of Coriolis Accelerations
in Aircraft Control, by G. Schubert.

GERMAN, per, Z. für Hals-, Nasen- und
Ohrenheilkunde, Vol XXX, 1932, pp 595-
604.

CHIRO

075 61 19657

Sci - Aeronautics

Mar 62

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Tönnies, J. F.
THE ROTATING CHAIR WITH SUBLIMINAL AC-
CELERATION FOR STARTING UP (Drehstuhl mit
Unterschwelliger Anlaufbeschleunigung). [1961]
[5]p. 6 refs.
Order from SLA \$1.10 61-14659

Trans. of Z[schrift] f[ür] Hals-, Nasen- u[nd]
Ohrenheilk[unde] (Germany) 1932, v. 30, p. 535-537

DESCRIPTORS: *Nystagmus, *Medical equipment,
Diagnosis.

(Unannounced)

61-14659

1. Tönnies, J. F.

Office of Technical Services

61-14611

I. Woletz, F.

Woletz, F.
QUANTITATIVE INVESTIGATIONS CONCERNING:
POST-ROTATORY NYSTAGMUS, I. (Quantitative Un-
tersuchungen über den Postrotatorischen Nystagmus.
I.). [1961] [61]p. 18 refs.
Order from SLA \$6.60 61-14611

Trans. of Z[eitschrift für] Hals-, Nasen- u[nd]
Ohrenheilk[unde] (Germany) 1933, v. 33, p. 476-513.

DESCRIPTORS: *Nystagmus, *Rotation, Motion, Eye.

(Unannounced)

Office of Technical Services

Steinhausen, W[ilhelm].
CONCERNING THE CUPULAR FUNCTION IN THE
AMPULLAE OF THE SEMICIRCULAR CANAL OF
THE LABYRINTH (Über die Funktion der Cupula in
den Bogengangsampullen des Labyrinthes). [1961]
[16p] 13refs
Order from SLA \$1.60

TT-61-14619

Trans. of Zeitschrift für Hals-, Nasen-, und
Ohrenheilkunde (Germany) 1933, v. 34, p. 201-211.

DESCRIPTORS: *Ear, *Hearing, *Eye, Motion, Head,
*Vision, Otorhinolaryngology, Ophthalmology.

(Biological Sciences--Physiology, TT, v. 11, no. 4)

TT-61-14649

1. Title: Cupula cochleae
1. Steinhausen, W.

Office of Technical Services

WERNER, H.
ON DETERMINING THE POSITION AND FUNCTION OF
THE LATERAL SEMICIRCULAR CANALS IN MAN
AND THE THEORY OF THE FLOW OF THE ENDO-
LYMPH (Über die Lage und Funktion des lateralen
Bogenganges beim Menschen und über die Theorie der
Endolymphströmung). [1901] [18]p. 41 refs.
Order from SLA \$1.60 61-14321

Trans. of Zeit[schrift] für Hals-, Nasen- u[nd]
Ohrenheilk[unde] (Germany) 1935, v. 39, p. 194-202.

DESCRIPTORS: Ear, Lymph, Body fluids, Theory,
Man, Physiology

(Unannounced)

Office of Technical Services